

Abstract

Fault tolerance is improved in a computing system which includes one or more computing machines by (i) executing a control thread or other control program in conjunction with a fault tolerance software system running on at least one of the machines, and (ii) initiating via the control program a test script program which sends one or more requests to a monitored program. The test script program also processes corresponding responses to the one or more requests, and generates a return value utilizable by the control program to indicate a failure condition in the monitored program. The computing system may be configured in accordance with a client-server architecture, with the fault tolerance software system and the monitored program both running on a server of the system. The test script program is preferably implemented in an object-oriented programming language such as Java, such that one or more components of the test script program comprise a base class from which one or more other components of the test script program are generatable for use with the monitored program.